

Title (en)  
ABSORPTION COMPOSITION AND PROCESS FOR REMOVING MERCURY

Title (de)  
ABSORPTIONSMASSE UND VERFAHREN ZUR ENTFERNUNG VON QUECKSILBER

Title (fr)  
MASSE ABSORBANTE ET PROCÉDÉ D'EXTRACTION DE MERCURE

Publication  
**EP 2035136 A1 20090318 (DE)**

Application  
**EP 07730179 A 20070615**

Priority  
• EP 2007055935 W 20070615  
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• EP 07730179 A 20070615

Abstract (en)  
[origin: WO2007147781A1] Mercury and/or arsenic or compounds thereof are removed from streams of matter by contacting them with an absorption composition containing silver and aluminium oxide, which absorption composition is characterized in that the aluminium oxide is at least 50% by weight theta-aluminium oxide.

IPC 8 full level  
**B01J 20/06** (2006.01); **B01D 53/02** (2006.01); **B01J 20/08** (2006.01); **B01J 20/32** (2006.01); **C10G 25/00** (2006.01)

CPC (source: EP KR US)  
**B01D 53/02** (2013.01 - EP US); **B01J 20/06** (2013.01 - EP KR US); **B01J 20/08** (2013.01 - EP KR US); **B01J 20/3204** (2013.01 - EP US); **B01J 20/3236** (2013.01 - EP US); **C10G 25/003** (2013.01 - EP US); **B01D 2253/104** (2013.01 - EP US); **B01D 2253/112** (2013.01 - EP US); **B01D 2257/602** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007147781A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2007147781 A1 20071227**; AR 061542 A1 20080903; CN 101472678 A 20090701; EP 2035136 A1 20090318; JP 2009541025 A 20091126; KR 20090031900 A 20090330; TW 200808440 A 20080216; US 2009200207 A1 20090813

DOCDB simple family (application)  
**EP 2007055935 W 20070615**; AR P070102710 A 20070620; CN 200780023194 A 20070615; EP 07730179 A 20070615; JP 2009515840 A 20070615; KR 20097000697 A 20090113; TW 96122120 A 20070620; US 30583607 A 20070615